

SPECIAL CONDITIONS

Permit Number 48785

EMISSION STANDARDS AND FUEL SPECIFICATIONS

1. Total emissions from these sources shall not exceed the values stated on the enclosed table entitled "Emission Sources - Maximum Allowable Emission Rates." The permitted emission limits for all emission point numbers (EPNs) are based on 8,760 annual hours of operation.
2. The fuel for the Process Heater, EPN E-PH, shall be pipeline sweet natural gas as defined in Title 30 Texas Administrative Code Chapter 101 (30 TAC Chapter 101) containing no more than 5 grains total sulfur and 0.25 grain hydrogen sulfide per 100 dry standard cubic feet. Use of any other fuel shall require prior written approval of the Executive Director of the Texas Commission on Environmental Quality (TCEQ).

FEDERAL APPLICABILITY

3. The holder of this permit shall comply with all requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources promulgated for Asphalt Processing and Asphalt Roofing Manufacture in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A and UU.

OPACITY/VISIBLE EMISSION LIMITATIONS

4. As determined by a certified opacity observer with delegation from the Executive Director of the TCEQ and according to EPA Test Method (TM) 9 or equivalent, opacity of emissions from the following: Mist Eliminator Stack (EPN E-ME1) shall not exceed 20 percent; opacity of emissions from the Plant Dust Collector (EPN E-PDC), Silo Bin Vent Filters (EPNs E-BSE, E-BSW, E-FSN, and E-FSS), Filler Use Bin Dust Collector (EPN E-FUB), Filler Heater Dust Collector (EPN E-FH), Process Heater Vent (EPN E-PH), and Building Vents No. 1 through No. 10 (EPNs E-BV1, E-BV2, E-BV3, E-BV4, E-BV5, E-BV6, E-BV7, E-BV8, E-BV9, and E-BV10) shall not exceed 5 percent, averaged over a six-minute period, adjusted for uncombined water vapor; and opacity of emissions from EPNs E-ME2, E-KO1, and E-KO2 shall be 0 percent except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. The Mist Eliminator Control Device (C-ME1) shall not be by-passed during this 15-minute period. Therefore, there shall be no emissions from EPNs E-ME2, E-KO1, and E-KO2 during the 15-minute period of line clearing.

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5. As determined by a trained observer with delegation from the Executive Director of the TCEQ, no visible fugitive emissions from the granule material handling, backing material handling, filler material handling, or filter cleaning shall leave the property. Visible emissions shall be determined by EPA TM 22 or equivalent. If this condition is violated, additional controls or process changes may be required to limit visible particulate matter (PM) emissions.

OPERATIONAL LIMITATIONS AND WORK PRACTICES

6. The holder of this permit shall ensure that:
 - A. All filler and backing material shall be received and transferred with no visible emissions leaving the building.
 - B. All liquid storage tanks shall be vented through the Mist Eliminator Control Device(C-ME1) any time any of these tanks is being charged (filled).
7. An opacity or an odor nuisance condition, as confirmed by the TCEQ or any local air pollution control program with jurisdiction, created by exceeding the maximum temperature, may be cause for additional controls and/or lowering of the asphalt concrete mixture temperature. If the nuisance condition persists, subsequent stack sampling may also be required.
8. Plant roads and work areas shall be sprayed with water and/or environmentally sensitive chemicals upon detection of visible particulate matter (PM) emissions to maintain compliance with all TCEQ rules and regulations.

INITIAL DETERMINATION OF COMPLIANCE

9. Within 60 days after achieving the maximum production rate at which this facility will be operated, and not later than 180 days after the completion of the modifications of this facility, stack sampling of EPN E-ME1 for particulate matter (PM), carbon monoxide, and volatile organic compounds (VOC) emissions shall occur to comply with New Source Performance Standards, Subpart A and UU requirements and to demonstrate compliance with the allowable emissions set forth in this permit. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 requires EPA approval, and requests shall be submitted to the TCEQ

Austin Enforcement Division, Engineering Services Team.

CONTINUOUS DETERMINATION OF COMPLIANCE

10. Upon being informed by the TCEQ Executive Director that the staff has documented visible emissions from EPNs listed in Special Condition No. 4 and that exceed the opacity specified in Special Condition No. 4, the holder of this permit shall conduct stack sampling analyses or other tests to prove satisfactory abatement or process equipment performance and demonstrate compliance with the PM and VOC allowables specified in the maximum allowable emission rates table. Sampling must be conducted in accordance with appropriate procedures of the TCEQ Sampling Procedures Manual or in accordance with applicable EPA Code of Federal Regulations procedures. Any deviations from those procedures must be approved by the TCEQ Executive Director prior to sampling.

SAMPLING REQUIREMENTS

11. Sampling ports and platform(s) shall be installed on the exhaust stack according to the specifications set forth in the TCEQ Sampling Procedures Manual, "Chapter 2, Stack Sampling Facilities" prior to stack sampling. Alternate sampling facility designs may be submitted for approval by the TCEQ Executive Director.
12. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at their expense.
13. The plant shall operate at the maximum shingle production and raw material throughput rates and operating parameters, represented in the confidential file, during stack emissions testing being conducted for initial and/or continuing compliance demonstrations. If the plant is unable to operate at the maximum rates during initial compliance testing, then the production/throughput rates or other parameter may be limited to the rates established during testing. If stack testing was not accomplished at the maximum production/throughput rates, then such testing may be required prior to actual operations at the maximum rates.
14. A pretest meeting concerning the required sampling and/or monitoring shall be held with personnel from the TCEQ before the required tests are performed. Air contaminants to be tested for and test methods to be used shall be confirmed at this pretest meeting.
 - A. During a continuous compliance determination with Special Condition No. 10 stipulations, sampling shall occur within 60 days of the written notification

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of violation from the TCEQ.

- B. The TCEQ Regional Office shall be notified not less than 45 days prior to sampling to schedule a pretest meeting. The notice to the TCEQ Regional Office shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test results.

- C. Air contaminants to be tested for include (but are not limited to) PM and VOC.

- D. Copies of the final sampling report shall be submitted within 30 days after sampling is completed. Sampling reports shall comply with the provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Houston Regional Office.

One copy to the TCEQ Enforcement Division, Engineering Services Team, Austin

15. A written proposed description of any deviation from sampling procedures specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Office shall approve or disapprove of any deviation from specified sampling procedures.
16. Requests to waive testing for any pollutant specified in the above special conditions shall be submitted to the TCEQ Office of Permitting, Remediation, and Registration, Air Permits Division.

RECORDKEEPING REQUIREMENTS

17. Records shall be kept as specified in General Condition No. 7 and made available upon request to the TCEQ or any air pollution control program having jurisdiction:

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